

Claims

1. (Currently Amended) A fastening device with fasteners to close an open end, comprising:

5 a first fastener provided on one of opposite surfaces of the open end and comprising at least a pair of rib tracks and a groove track defined between the rib tracks; [and]

10 a second fastener provided on a remaining surface of the opposite surfaces of the open end and comprising at least a pair of rib tracks and a groove track defined between the rib tracks, so that at least one rib track of one of the first and second fasteners engages with a groove track of another of the first and second fasteners; and

15 an adhesive agent, having a predetermined adhesive strength, applied to a bottom surface of the groove track of each of the first and second fasteners.

2. (Cancelled)

3. (Currently Amended) The fastening device with the fasteners according to claim 1 [or 2], wherein the first and second fasteners each comprise a plurality of rib tracks, and a plurality of groove tracks defined between the rib tracks, so that each of the rib tracks of one of the first and second fasteners engages with one of the groove tracks of another of the first and second fasteners.

4. (Currently Amended) The fastening device with the fasteners according to claim 1 [or 2], wherein the first and second fasteners engage with each other while a width and a height of each of the rib tracks of one of the first and second fasteners respectively correspond to a width and a depth of the groove track of another of the first and second fasteners.

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5. (Currently Amended) The fastening device with the fasteners according to claim 1 [or 2], wherein the fasteners are attached at rear surfaces thereof on the opposite surfaces of the open end by welding.

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6. (Original) The fastening device with the fasteners according to claim 5, further comprising:
a plurality of welding assistant blades extending from predetermined positions of the rear surface of each of the fasteners in opposite latitudinal directions of the fastener.

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7. (Original) The fastening device with the fasteners according to claim 6, further comprising:
a space defined between the rear surface of the fastener placed between the welding assistant blades and an associated surface of the open end; and at least one support ridge provided in the space.

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8. (Original) The fastening device with the fasteners according to claim 6, wherein one of the welding assistant blades

extends from a predetermined position which is spaced inward from
a reverse action reference point of the rear surface of the
fastener by integer multiples of the width of each of the tracks,
and a remainder of the welding assistant blades extends from a
5 forward action reference point of the rear surface of the
fastener.

9. (Currently Amended) The fastening device with the
fasteners according to claim 1 [or 2], wherein each of the
fasteners is provided by individually assembling the rib tracks
10 and the groove track.

10. (Currently Amended) The fastening device with the
fasteners according to claim 1 [or 2], wherein the rib tracks and
the groove track each have a rectangular cross-section.

11. (Currently Amended) The fastening device with the
15 fasteners according to claim 1 [or 2], wherein the rib tracks and
the groove track each have a trapezoidal cross-section.

12. (Currently Amended) The fastening device with the
fasteners according to claim 1 [or 2], wherein the rib tracks and
the groove track each have a cross-section rounded at each corner
20 thereof.

13. (Currently Amended) The fastening device with the
fasteners according to claim [2]1, further comprising:

a groove provided on a lower surface of each of the rib tracks or on a lower surface of the groove track.

14. (Currently Amended) The fastening device with the fasteners according to claim [2]1, wherein the bottom surface of
5 the groove track is uneven.

15. (Currently Amended) A fastening device with fasteners to close an open end, comprising:

a first fastener provided on one of opposite surfaces of the open end and comprising a plurality of ribs provided at
10 regular intervals; [and]

a second fastener provided on a remaining surface of the opposite surfaces of the open end and comprising a plurality of ribs provided at regular intervals, so that the ribs of the fasteners are inserted into gaps between the ribs of a remainder
15 of the fasteners; and

an adhesive agent having a predetermined adhesive strength
and applied between the ribs of each of the first and second
fasteners.

16. (Cancelled)

20 17. (Currently Amended) The fastening device with the fasteners according to claim 15 [or 16], wherein the ribs of the fasteners are regular in height.

18. (Currently Amended) The fastening device with the
fasteners according to claim 15 [or 16], wherein the ribs of each
of the fasteners comprise a plurality of rib cells each having a
predetermined sectional area, the rib cells being spaced apart
5 from each other by a size thereof.

19. (Currently Amended) A fastening device with fasteners
to close an open end, comprising:

a first fastener provided on one of opposite surfaces of
the open end and comprising at least a pair of rib tracks and a
10 groove track defined between the rib tracks; [and]

a second fastener provided on a remainder of the opposite
surfaces of the open end and comprising at least one rib track, so
that the rib track of the second fastener engages with the groove
track of the first fastener; and

15 an adhesive agent, having a predetermined adhesive
strength, applied to a bottom surface of the groove track.

20. (Cancelled)